ARKAD'YEYSKIY, A.A.; BRUZHES, A.P.; MUKHAMEDOVA, Ye.A.

Disorders in the coordination of movements under high-altitude mountain conditions [with summary in English]. Biofixika 2 no.2: 242-251 157. (MIRA 10:6)

1. Institut biologicheskoy fiziki Akademii nauk SSSR, Moskva.

(AITITUDE, INFLUENCE OF) (MOVEMENT DISORDERS)

ARKAD'YEVSKIY, A.A. Reflect of a strong "white" noise on the auditory function [with summary in English]. Biofimika 4 no.2:166-169 '59. 1. Institut biologicheskoy fimiki AN SSSR, Moskva. (NOISE, effects, strong noise on hearing (Rus))

ARKAD'YEVSKIY, A.A.; MAYOROV, V.P.; RUMYANTSEV, G.I.

Methodological problems in the measurement and evaluation of vibrations and noise. Uch. zap. Mosk.nauch-isel.inst. san.i gig. no.7:17-25 '60. (MIRA 15:2)

(NOISE_MEASUREMENT) (VIBRATION_MEASUREMENT)

ARKADIYEVSKIY, A.A., kand, meditsinskikh nauk Physiological bases for the determination of norms of industrial noise. Gig.i san. 25 no.9:21-26 S '60. \ (MIRA 13:9) 1. Iz Moskovskogo nauchno-issledovatel'skogo instituta sanitarii i gigiyeny imeni F.F. Erismana Ministerstva zdravookhraneniya RSFSR. (NOISE-MEASUREMENT)

Characteristics of auditory adaptation in persons working under noisy conditions. Biofizika 6 no.4:492-494 '61. (MIRA 14:7) 1. Institut biologicheskoy fiziki AN SSSR, Moskva. (NOISE—PHYSIOLOGICAL EFFECT)

27.2700

39549

\$/240/62/000/002/001/001 1015/1215

AUTHOR:

Arkad'yevskiy, A. A., Candidate of Medical Sciences

TITLE:

Hygienic standards for continuous noise of high frequipecy

PERIODICAL:

Gigiyena i sanitariya, no. 2, 1962, 25-28

TEXT: Previous studies showed that noise of high frequency brought about functional and histological. changes in the auditory apparatus. The present study was performed on 7 young and healthy persons (aged 19-23) in a soundproof chamber, to test the effect of a continuous high frequency noise of 70, 75, and 85 db. Physiological reactions were impaired following a continuous noise of 85 db, which therefore, unlike noises of 70 and 75 db., must be regarded as injurious to man. There are 4 figures.

ASSOCIATION: Moskovskiy nauchno-issledovateľskiy institut gigiyeny imeni F. F. Erisman Ministerstva zdravookhraneniya RSFSR (Research Institute of Hygiene imeni F. F. Erisman. Moscow

SUBMITTED:

March 24, 1961

Card 1/1

41727

S/240/62/000/010/001/001 1015/1215

27 2700

Arkad'yevskiy, A.A., Candidate Medical Sciences

TITLE:

AUTHOR:

The combined effect on man of vibration and noise

PERIODICAL:

Gigiyena i sanitariya no. 10, 1962, 25-29

TEXT: This is the continuation of previous work, the combined effect having been insufficiently studied. Experiments carried out on 5 healthy persons 19-24 years old, included audiometric, chronoreflexometric and electrocardiographic recordings before and after stimulations. A noise of medium frequency and of an intensity of 85 db, together with vertical vibrations of 50 cyc/sec, with an amplitude of 15/4 did not bring about any marked physiolo-

Card 1/2

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A004/A126

2700

Tseytina, A. Ya., Lapina, S. A., Arkad'yevskiy, A. A.

TITLE:

Effects of noise on the C-vitamin metabolism of test animals

PERIODICAL:

Voprosy pitaniya, no. 1, 1963, 78 - 83

The authors studied the effect of noise of 110 db intensity and 1,250 cps frequency on the C-vitamin metabolism in guinea pigs that were sub-Jected to this noise for intermittent periods of 4 hours. The entire test series covered a period of 21 days. The tests were carried out on male guinea pigs, weighing 500 g each, that were fed on the ordinary diet of hay, oats, carrots and bran. During the first 13 days of the tests, the animals received a daily dose of 25 mg of vitamin C each, this amount being increased up to 100 mg during the following 8 days. The tests proved that noise stimulation resulted in the reduction of the ascorbic level in adrenal glands and in a decreased urinary excretion of vitamin C. This was particularly clearly revealed when the animals were receiving daily doses of 100 mg of ascorbic acid. It was also found that the amount of urine excreted by the test animals over the 4-hour period decreased. There are 4 figures and 2 tables,

card 1/2

<u>L 8477-65</u> AFWL/AMD/ASD(f)/ESD(t)/Pa-4/Pb-4

ACCESSION NR: AP4048783 S/0240/64/000/007/0025/0030

AUTHOR: Arkad'yevskiy, A. A. (Candidate of medical sciences)

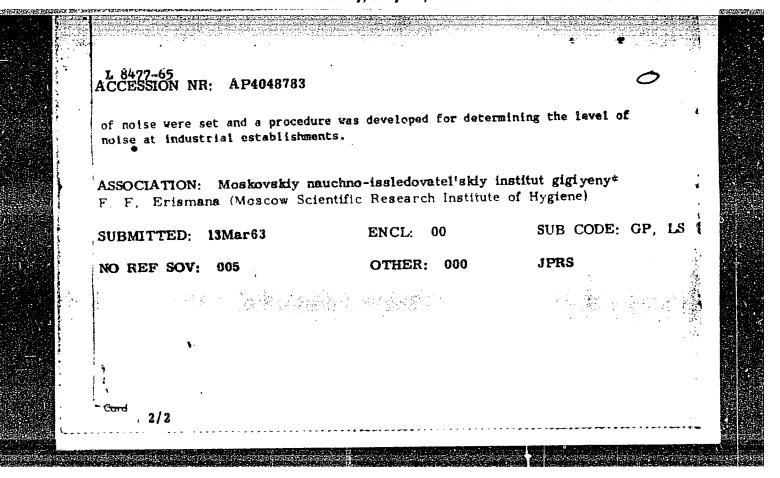
TITLE: Standardization from the hygienic standpoint of the level of continuous noise in industry

SOURCE: Gigiyena i sanitariya, no. 7, 1964, 25-30

TOPIC TAGS: noise, noise effect, noise level, physiological tolerance, hygiene, industrial hygiene

Abstract: The effects of steady noise with intensities of 65-100 decibels and frequencies of 200, 600, 1,250, and 4,000 cycles on auditory perception, the visual-motor reaction, cardiac activity, vascular tonus, and the state of the nervous system were studied. Comparisons were made between the physiological effects of low-energy noise of long duration and high-energy noise of short duration at equal energies of both types of noise. On the basis of the results obtained, standards for the maximum permissible level

L. Card 1/2



L 24683-66 EWT(1) SCTB ACC NR AP6014687 SOURCE CODE: UR/0240/66/000/005/0029/0033 \mathcal{B} AUTHOR: Arkad'yevskiy, A. A.; Maksimova, L. I. ORG: Moscow Scientific Research Institute of Hygiene im. F. F. Erisman (Moskovskiy nauchno-issledovatel'skiy institut gigiyeny) TITLE: Effect of pulsed noise on humans SOURCE: Gigiyena i sanitariya, no. 5, 1966, 29-33 TOPIC TAGS: pulsed noise, stable noise, human physiology, noise effect ABSTRACT: The physiological effects of pulsed and stable noise were compared. Seven healthy male subjects aged 20-24 were audiometrically examined at frequencies of 200, 1000, and 4000 cps and the condition of their central nervous systems was assessed. The duration of exposure to noise was 55 min. Two noise pulse frequencies, 20/min and 180/min, were studied. The intensity of both pulsed and stable noise was 90 db. Some results of the experiment are shown in Table 1. These data reflected an increase in autonomic influence on cardiac activity. The effect of 20/min pulsed noise was primarily vagotonic while that of 180/min noise was sympaticotonic. Both stable and pulsed 180/min noise tended to decrease systolic pressure and increase diastolic pressure. Pulsed noise at 20/min did not affect these indexes. 612.014.45+613.644

	Table 1. Changes i	Table 1. Changes in pulse caused by various noise parameters						
	Type of noise	Pulse change	Noise duration,		After expo-			
			No. of cases (16)		-	Beats/ min		
	Pulsed noise (180/min)	Depressed	. 25 29	10 12	13 46	7 6		
	Pulsed noise (20/min)	No change Elevated Depressed	46 10 50	9 7	41 7 62	5 9		
	Stable noise	No change 44 Elevated Depressed No change	40 10 38 52 1	14 10	31 60 40	7		
		No cliange	1		10			
	, the marked difference							
	reported by some other and 1 table.	investiga t ors	was no	t obser	ved. 0	rig. arti	has: [CD]	
SUB CODE:	05, 06/ SUBM DATE:	210ct65/ ORI	G REF:	006/	OTH REF	: 001/	ATD PRESS:	
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ARKADYEVSKII A. A. The significance of rhythm in work in hot shops Gigiyena i Sanitariya, Moscow 1949, 12 (24-28) Illus. 3

Investigations were carried out at a steel-rolling mill to assess the dependence of the productivity of the workers on their physical fatigue. The former was estimated by the time required by the individual worker for the various parts of the procedure - this is called the rhythm of the work -, the latter was assessed by the temperature and pulse rate of the worker. The group of workers with the longest time requirement showed also the highest degree of fatigue. This was particularly noticeable in the afternoon.

Collis - (World Medical Abstracts)

SO: Medical Microbiology and Hygiene Section IV, Vol. 3, NO. 7 - 12

Inst. Libor Hygiene - Occupational Disease, AMS USSR

11799-66 UR/0391/66/000/001/0047/0049 ACC NR. AP6002698 SOURCE CODE: AUTHOR: Arkad yevskiy, A. A. (Moscow) ORG: Institute of Hygiene im. F. F. Brisman (Institut gigiyeny) TITLE: Problem of the biological effect of various levels of stable noise SOURCE: Gigiyena truda i professional'nyye zabolevaniya, no. 1, 1966, 47-49 TOPIC TAGS: noise effect, human physiology, auditory analyzer, hearing threshold ABSTRACT: While the specific effects of noise on the CNS have been extensively studied, their nonspecific or threshold effects have received little attention. The authors conducted a laboratory experiment on young people with normal hearing to compare the physiological effects of a low noise intensity (65 db) with the effects of a higher intensity (75 db). During the tests, the subjects underwent audiometric, electrocardiographic, chronomeflexometric, and vascular tonometric examinations. The maximum sound pressure at 75 db was 4000 cps. The 300 tests were divided into three series: 1) control series without noise; 2) 75 db series; 3) 65 db series. The control series demonstrated that the experimental conditions did not produce any physiological artifacts. The second series (75 db) showed that hearing thresholds (measured with a ZG-D2 sound generator and TD-6 electrodynamic telephone) decreased by an average of 15 db after 1-hr exposure. Full recovery took place 5-10 min later. The third series (65 db) resulted in an average auditory 613.644 612.014 Card 1/2

ARKAS, I.Zoltan, okleveles kohomernok; MOLNAR, Imre, okleveles kohomernok; PAGER, Laszlo, okleveles gepeszmernok

Application of safety programming in the design of a metal foundry. Koh lap 95 no.8: Suppl: Ontode 13 no.8:183-187 Ag 62.

1. Koho- es Gepipari Miniszterium Tervezo Irodai.

Q : USSR COUNTRY : Farm Animals. Cattle CATEGORY ABS. JOUR. : RZBiol., No. 13, 1958, No. 59507 : Arkatov. M.N. : Chelyabinsk Agricultural Station ROHTUA : Experience in Industrial Crossing in a Dairy INST. TITLE Herd ORIG. PUB. : S. kh. Sibiri, 1957, No 10, 41-45 : The crossbreeding of Tagil cattle (T) with the Simmenthals (S) and East Friesians (EF) ABSTRACT was conducted under identical conditions of feeding and management at the Experimental Farm of the Chelyabinsk Agricultural Station. Dams were composed of crosses with local cattle of the 2nd, 3rd and 4th generations. The Tagil-Simmenthal crosses (TS) of the 1st, 2nd and 3rd generations had a 3.93% butterfat 1/3 CARD: Q - 21

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000102020

Q USSR Country : Farm Animals. Cattle CATEGORY ABS. JOUR. ! RZBiol., No. 13, 1958, No. 59507 AUTHOR INST. TITLE ORIG. PUB. : : milk content and surpassed both of the ori-ABSTRACT ginal breeds: T in milk yield for a lactacontid. tion by 659, in butterfat content by 22.4 and in live weight by 63 kg.; S were exceeded by 516 and 22 kg., respectively, but the crosses lagged behind in live weight by 22 kg. The Tagil-East Friesian crosses (TEF) of the 1st and 2nd generations surpassed T in milk yield by 634 kg. and in butterfat content by 19.1 kg. Their butterfat content 2/3 CARD:

COUNTRY CATEGORY : Farm Animals. Cattle ABS. JOUR.: RZBiol., No. 13, 1958, No. 59507 AUTHOR INST. TITLE : ORIG. PUB. : ABSTRACT : equals 3.90% and exceeds that of EF by 0.21%. yielding to that of T by 0.11%. The outlay of feed units per 1 kg. of 4% milk obtained at the yearly rate of 4,475-4,733 kg. per cow was: TS - 0.90; TEF - 0.89; T - 0.92; S - 0.98. cont'd. CARD: 3/3 Q - 22

AMENATOV, V.N., Cand Agr Sci -- (diss) "Industrial cross-breeding in Many mettle hard and the of the Chelysbinek Agricultural Experimental Station." [Fos., 1959. 23 pp (All-Union Scientific Research Inst of Animal Musbendry), 150 coriec (M., 31-59, 115)

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	Tankist, "o 12, 1948.	•		
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ARKATOV, V.A. (Noskva, Malyy Afanas yevskiy per. d.5/15, kv.5)

Prevention of ischemic spinal paralysis by shunts; experimental research [with summary in English. p. 158-159] Vest.khir. 77 no.7: 57-64 J1 156. (MIRA 9:10)

1. Iz kliniki fakul'tetskoy khirurgii (zav. - prof. B.V.Petrovskiy) pediatricheskogo fakul'teta 2-go Moskovskogo meditsinskogo instituta im. I.V.Stalina.

(PARALYSIS, exper.

spinal, induced by clamping of abdom. aorta, prev. of paralysis by shunts in dogs)
(AORTA, surg.

exper. shunts for prev. of exper. spinal apralysis induced by clamping of abdom. aorta in dogs)

Prevention of ischemic paralysis of the legs and of the abdominal and pelvic organs by shunting peripheral vessels with summary in

English]. Eksper.khir, 2 no.3:26-33 My-Je '57,

1. Iz gospital noy khirugicheskoy kliniki (zav. - chlen-korresponient AMN SSSR prof. B.V.Petrovskiy) I Moskovskogo ordena Lenina meditein-skogo instituta imeni I.M.Sechenova.

(ACRTA, surg.

exper., prev. of ischemic paralysis of legs & abdom. & pelvic organs by shunt)

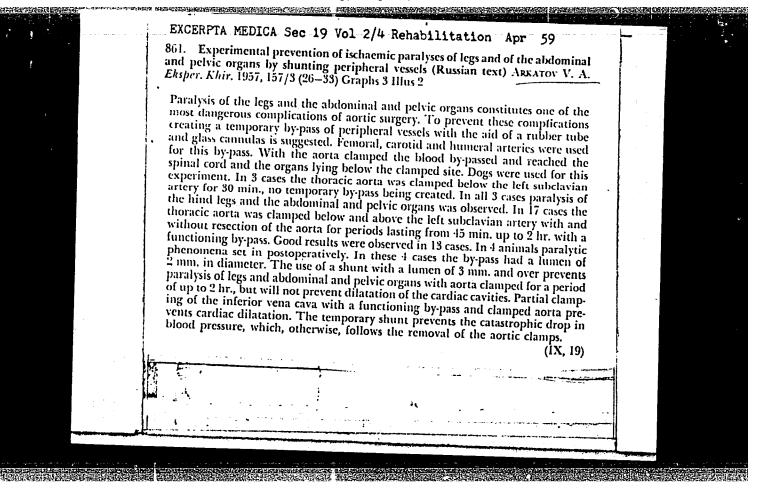
AFKATOV, V.A., (Moskve, Q-2, Kaloshin per., d.4, kv.23)

Prevention of spinal parelysis in prolonged aortic constriction by temporary shunting of peripheral vesses! with a rotary pump; experimental study [with summery in English]. Vest.khir. 79 no.11:114-121 N '57.

1. Iz gospital'noy khirurgicheskoy kliniki (zav.-prof. B.V.Fetrovskiy) l-go Moskovskogo ordena lenina meditsinskogo instituta in. I.M. Sechenova.

(COARCTATION OF AORTA, exper.

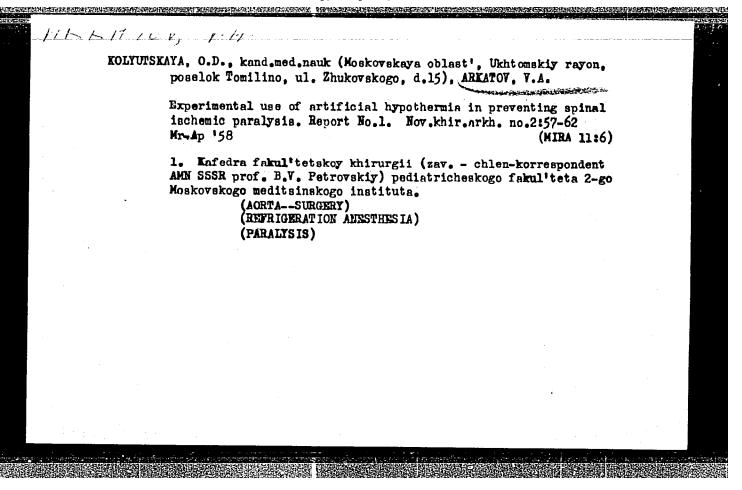
prev. of spinal paralysis by temporary shunting of peripheral vessels with pump & rollers in dogs (Rus)

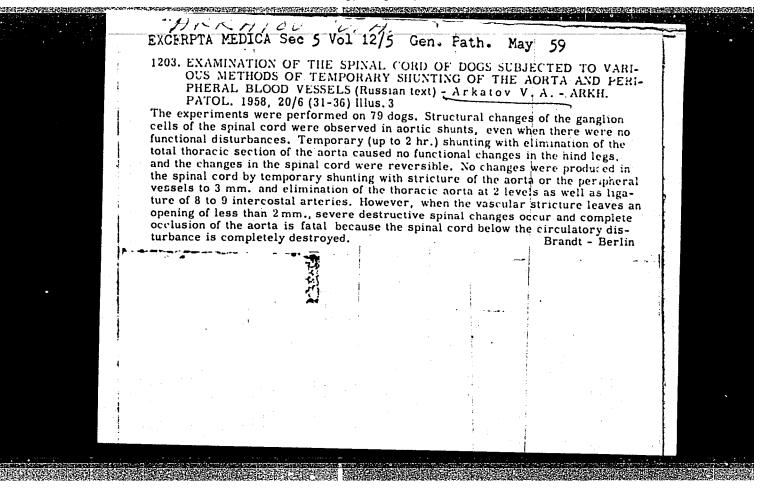


ARKATOV, V. A., Cand Med Sci -- (diss) "Prevention of spinal ischemic paralysis by the shunt method. (Experimental study.)" Mos, 1958.

18 pp with ills (First Mosker Order of Lenin Med Inst im I. M. Sechenov),
200 copies (KL, 16-58, 123)

-93-





AREATOW, V.A. Anatomical and morphological study of the regeneration of experimental wounds of the aorta in experiment. Khirurgiia 34 no. 21:60-65 D '58. (MTRA 12:1) 1. Iz kliniki gospital'noy khirurgii (dir. - deystvitel'nyy chlen AMN SSSR Prof. B.V. Petrovskiy) I Moskovskogo ordena Lenina Meditsinskogo instituta imeni I.M. Sechenova. (AORTA, wds. & inj. regen. of lateral wds. in dogs (Rus))

PETROVSKIY, B.V.; SOLOV'YEV, G.M.; ARKATOV, V.A.; KHODAS, M.Ya.

Experience in working with an apparatus for artificial blood circulation from the Research Institute for Experimental Surgical Apparatus and Instruments. Trudy NIIEKHAI no.5:119-124 '61.

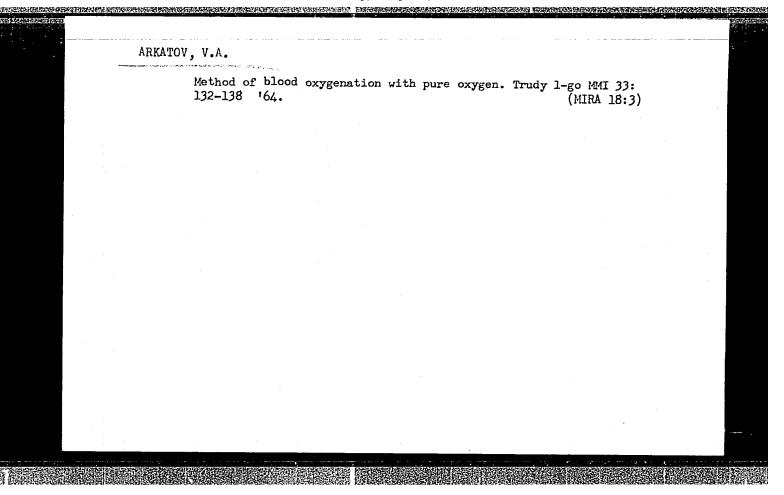
(MIRA 15:8)

1. Iz gospital'noy khirurgicheskoy kliniki 1-go Moskovskogo ordena Lenina meditsinskogo instituta im. I.M.Sechenova.

(PERFUSION PUMP (HEART))

PETROVSKIY, B.V.; SOLOV'YEV, G.M.; KHODAS, M.Ya.; ARKATOV, V.A.;
ZHIDOVETSKAYA, A.Sh.; TUNASHEVA, N.N.

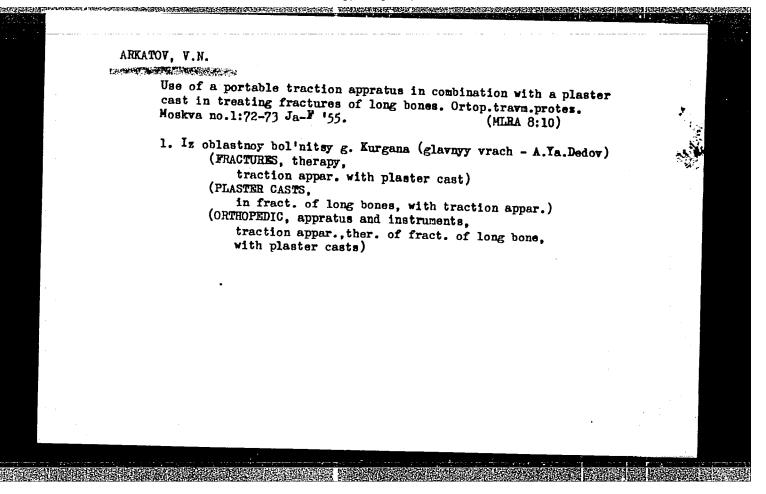
Some hematological and biochemical indices in experimental extracorporeal circulation; preliminary report. Trudy 1-go
MMI 33:15-24 '64. (MIRA 18:3)



KOLYUTSKAYA, O.D.; ARKATOV, V.A.

Discharge of blood from the heart by shunting brought about by a high and prolonged ligature of the aorta in moderate hypothermia.

Trudy 1-go MMI 33:215-218 '64.. (MIRA 18:3)



ARKATOV, V.N.; UMOVA, N.A.

THE PROPERTY OF THE PROPERTY O

Single-stage skeletal repositioning and fixation of fragments in old and irreducible fractures of the bones of the extremities.

Ortop.travm.i protez. 20 no.9:30-35 S '59. (MIRA 13:2)

l. Iz shelesnodoroshnoy bol'nitsy (na chal'nik - A.I. Kurilev) st. Kurgan Yuzhno-Ural'skoy zheleznoy dorogi.

(EXTREMITIES, fract. & disloc.)

(FRACTURES UNUNITED surg.)

ARKATOV, V. N.

Skeletal reposition of inveterate and complicated fractures of the upper and lower end of the humerus. Khirurgiia 38 no.5: 103-106 My '62. (MIRA 15:6)

1. Iz kafedry obshchey khirurgii (zav. - prof. V. P. Bodulin) Stavropol'skogo meditsinskogo instituta na baze 2-go khirurgi-cheskogo otdeleniya (zav. V. A. Kutulutskiy) Krayevoy klini-cheskoy bol'nitsy (glavnyy vrach Yu. P. Zotov)

(HUMERUS-FRACTURE)

ARKATOV, V.N., ordinator

Closed reposition and fixation of fractures of the bones of extremities by using intramedullar pins, a bone sutures, and other fastening methods. Uch. zap. Stavr. gos. med. inst. 12:265-266 '63. (MIRA 17:9)

1. Kafedra obshchey khirurgii (zav. prof. Yu.S. Gilevich) Stavropol'skogo gosudarstvennogo meditsinskogo instituta i 2-go khirurgicheskogo otdeleniye Stavropol'skoy krayevoy klinicheskoy bol'nitsy (galvnyy vrach P.F. Shatskaya).

USSR / Human and Animal Morphology (Normal and S Pathological). Nervous System. Central Nervous System.

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 16918

Author : Arkatov, V. S. Inst : Not given

Title : Investigation of the Spinal Cord of Dogs Which Were Subjected to Various Methods of

Temporary Shunting of the Aorta and

Peripheral Vessels

Orig Pub : Arkhiv patologii, 1958, 20, No 6, 31-36

Abstract: It was shown on 79 animals that during shunting and connected with it decrease of blood flow of the thoracic portion of the aorta (A), the changes in the nerve cells of the spinal cord (SC) are observed even

Card 1/3

29

USSR / Human and Animal Morphology (Normal and Pathological). Nervous System. Central Nervous System.

S

Abs Jour : Ref Zhur - Biologiya, No 4, 1959, No. 16918

when the functions of the hind extremities and organs of the abdominal and pelvic cavities are not disturbed. The exclusion of the whole thoracic portion of A (temporary shunt below the left subclavian artery and above the diaphragm) leads to reversible changes in SC without disturbance of the function of the hind extremities. A temporary shunt with a diameter of 3 mm and more, applied on A, and ligation of 8-9 intercostal arteries, does not induce changes in SC. A temporary shunt with a diameter of 2 mm and less leads to coarse destructive changes in SC. In complete closing of the A lumen,

Card 2/3

KUZINA, A.I.; MUKHAROVA, L.S. Prinimali uchastiye: VLADIMIROVA, A.I.; ARKATOVSKIY, P.A.; IL'INA, D.A.; SHTIN, V.M.

Natural tularemia foci in Kemerovo Province. Trudy Tom MIVS 12:43-47 60 (MIRA 16:11)

l. Kafedra epidemiologii Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta i Kemerovskaya oblastnaya sanitarno-epidemiologicheskaya stantsiya.

ARKAVIN S Vo			A CHEST OF THE PROPERTY OF THE		
ARKAVIN, S. Ya.		USSR/Medicine - Biologicals and May/Jun 51 Hormones (Contd) immunization against tuberculosis with aerosols of method, treatment of children with insulin aerosols Describes special inhalation mask used in treating children.	Pop Ped 1 Okhran Mater 1 Det" Vol XIX, No 3, pp 14-21 Cites USSR work on application by the inhalation method of whooping cough bacteriophage, measles reconvalescent serum, anti-measles serum, sulfapyridin, salsoline and penicillin. Describes recent USSR work (under exactly controlled conditions) of	USSR/Medicine - Biologicals and May/Jun; "Biological Activity of Therapeutic Aerosols on the Basis of Experimental Data," S. Ya. Arkavin, L'vov Chair of Phar, L'vov Med Inst	
	189795	als and May/Jun 51 es (Contd) erculosis with aerosols of diphtheria by the aerosol ldren with insulin aerosols tion mask used in treating	Vol XIX, No 3, by the inhalation riophage, measles serum, sulfa- lin. Describes recent of conditions of	nd May/Jun 51 peutic Aerosols on the s. Ya. Arkavin, L'vov s and Children) and	

MRKAVIN, S. YA.

"Study of the Activity of Certain Therapeutic Aerosols."

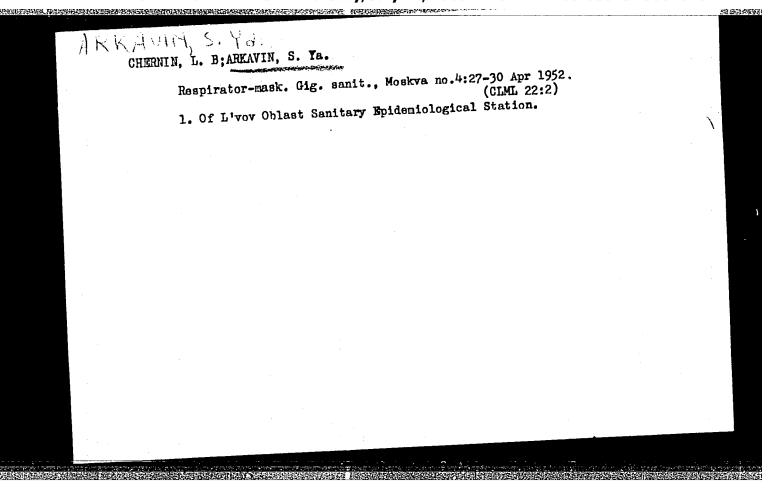
Livov State Sci Res Inst for the Protection of Yaternity and Childhood, Livov State Med

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APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000102020



是种种,他们们就是那些的现在分词,但是不是一个人,但是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人,也不是一个人, "我们是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,

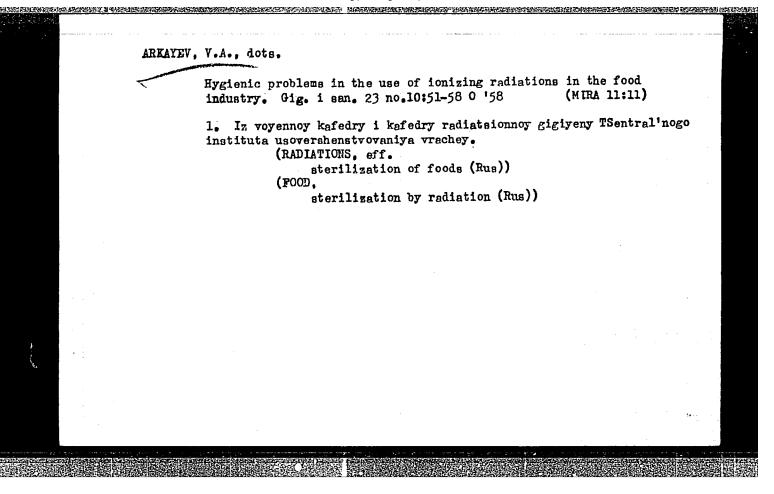
SPASSKIY, Vladislav Akimovich, polkovnik meditsinskoy sluzhby, professor;

ARKAYEV, Viktor Alekseyevich, podpolkovnik meditsinskoy sluzhby,

kandidat meditsinskikh nauk; PETROVSKIY, K.S., polkovnik meditsinskoy sluzhby dotsent, redaktor; BEZDENEZHNYKH, P.T., podpolkovnik, redaktor; MYASNIKOVA, T.F., tekhnicheskiy redaktor

[Military hygiene] Voennaia gigiena. Moskva, Voen. izd-vo Ministerstva obor. SSSR, 1956. 127 p.

(MILITARY HYGIENE)



SPASSKIY, Vladislav Akimovich, polkovník med. sluzhby, prof.;

ARKAYEV, Viktor Alekseyevich, polkovník, med. sluzhby,
dots.; Frinimali uchastiye: ANTIPIN, G.M., podpolkovník
med. sluzhby; POIXAKOV, V.I., podpolkovník med. sluzhby;
PAKHOMOV, V.I., polkovník med. sluzhby, red.; CHAPAYEVA,
R.I., tekhn. red.

[Military hygiene) Voennaia gigiena. [Izd.2., perer. i dop.
Moskva, Voenizdat, 1962. 167 p. (MIRA 15:8)

(Military hygiene)

ARKDZHOVSKIY, V.N.

S/191/63/000/004/010/015 B101/B186

AUTHORS:

Card 1/2

Volk, A. I., Arkdzhovskiy, V. N.

TITLE:

Some theoretical and practical conditions for producing

transparent glass reinforced plastics

PERIODICAL: Plasticheskiye massy, no. 4, 1963, 46 - 49

TEXT: A general definition is given of the concepts light absorption and permeability, based on western publications including Kunststoffe 48, no. 5, 20 (1958). Various factors are discussed that affect the light scattering and permeability of glass reinforced plastics, such as transparency and colorlessness of glass fiber and binder, chemical composition of the lubricant and its solubility in the binder. The following binder is suggested: 100 parts by weight of polydiethylene glycol maleinate phthalate containing 25 parts by weight of styrene, and 25 parts by weight of methyl methacrylate. 100 of this binder is 1.547 which is similar to that of aluminoboro-silicate being 1.548. Specimens of glass reinforced plastics 1.5 mm thick were produced from this binier and 30% glass fiber without lubricant. Their permeability to light was 86% and their physicomechanical

Some theoretical and practical...

S/191/63/000/004/010/015

B101/B186

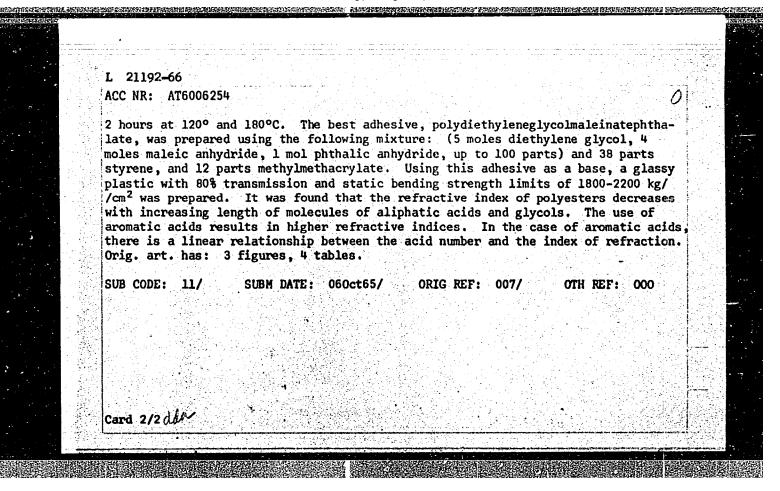
properties were considerably improved by thermal treatment at 80°C for 3 hrs. Specimens containing glass fiber treated with AC-1 (AS-1) lubricant or polyvinyl acetate, had a permeability of only 80 and 55 - 60%, respectively...

Class reinforced plastics showed a bending strength of 1500 - 1600 kg/cm², tensile strength = 1200 - 1300 kg/cm², impact strength = 30 - 40 kg·cm/cm², permeability to light = 80 - 85%. The binder suggested is weatherproof and has a low viscosity. There are 4° figures. The English-language reference is:

British Plastics, Sept. 372 - 405 (1958).

	L 8504-66 ENT(m)/ENP(v)/ENP(j)/T/ETC(m) WW/RM	' -
	ACC NR: AP5028477 & SOURCE CODE: UR/0286/65/000/020/0063/0063	į
	AUTHORS: Ratner, I. S.; Volovich, Z. M.; Baklanov, G. W.; Kulakovskiy, V. A.	
પા	Gorskiy, B. 2.; Volk, A. IKh.; Andreyev, A. A.; Arkdshovskiy, V. H.; Timofeyev, H.	<u>-</u>
	1418	•
	TITLE: A device for saturating fibrous reinforcing materials with a binder. Class 39, No. 175641.	:
	SOURCE: Byulleten' isobreteniy i tovarnykh snakov, no. 20, 1965, 63	• •.
	TOPIC TAGS: bonding material, industrial instrument, mechanical motion instrument	
	ABSTRACT: This Author Certificate presents a device for saturating fibrous reinforcing	•
	materials with a binder. The device contains a mechanism for moving the material over a rigid base and a working percussion instrument. The latter is set into reciprocating motion in a plane normal to the motion of the material. To increase the productivity of the device while improving the saturation quality, the working instrument consists of spring-loaded plates mented on a common traverse. Elastic supports are fixed to that side of the plates which is toward the material being worked.	
	materials with a binder. The device contains a mechanism for moving the material over a rigid base and a working percussion instrument. The latter is set into reciprocating motion in a plane normal to the motion of the material. To increase the productivity of the device while improving the saturation quality, the working instrument consists of spring-loaded plates mounted on a common traverse. Elastic supports are fixed to	_
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	materials with a binder. The device contains a mechanism for moving the material over a rigid base and a working percussion instrument. The latter is set into reciprocating motion in a plane normal to the motion of the material. To increase the productivity of the device while improving the saturation quality, the working instrument consists of spring-loaded plates mounted on a common traverse. Elastic supports are fixed to that side of the plates which is toward the material being worked. SUB CODE: 15/ SUBE DATE: 13Dee62	
	materials with a binder. The device contains a mechanism for moving the material over a rigid base and a working percussion instrument. The latter is set into reciprocating motion in a plane normal to the motion of the material. To increase the productivity of the device while improving the saturation quality, the working instrument consists of spring-loaded plates mounted on a common traverse. Elastic supports are fixed to that side of the plates which is toward the material being worked. SUB CODE: 13/ SUBM DATE: 13Dee62 BVIY Cord 1/1 UDG: 678.026.2	
	materials with a binder. The device contains a mechanism for moving the material over a rigid base and a working percussion instrument. The latter is set into reciprocating motion in a plane normal to the motion of the material. To increase the productivity of the device while improving the saturation quality, the working instrument consists of spring-loaded plates mounted on a common traverse. Elastic supports are fixed to that side of the plates which is toward the material being worked. SUB CODE: 13/ SUBE DATE: 13Dee62	
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L 21192-66 EWT(m)/EWP(v)/EWP(j)/T WW/GS/RM ACC NR: AT6006254 (A) SOURCE CODE: UR/0000/65/000/000/0137/0143
AUTHOR: Shapoval, V. I.; Arkdzhovskiy, V. N.; Turchak, V. N.
ORG: VNII New Construction Materials, Kiev Department (VNII novykh stroitelnykh materialov, Kiyevskoye otdeleniye)
TITLE: Investigation of certain polyester adhesives for transparent glassy particles
SOURCE: AN UkrSSR. Modifikatsiya svoystv polimerov i polimernykh materialov (Modification of the properties of polymers and polymeric materials). Kiev, Naukova dumka, 1965, 137-143
TOPIC TAGS: adhesive, polyester plastic, plastic, plastic strength, copolymer, phthalic acid
ABSTRACT: The preparation of polyester adhesives for transparent glassy plastics was investigated with the aim of developing an adhesive with a high index of refraction. The adhesives were prepared by copolymerization/mixtures of mono- or diethylene glycol/with phthalic and maleic anhydride adipic acid, styrene 7 and methylmetha-
crylate in various molar ratios. The polycondensation reactions were conducted for
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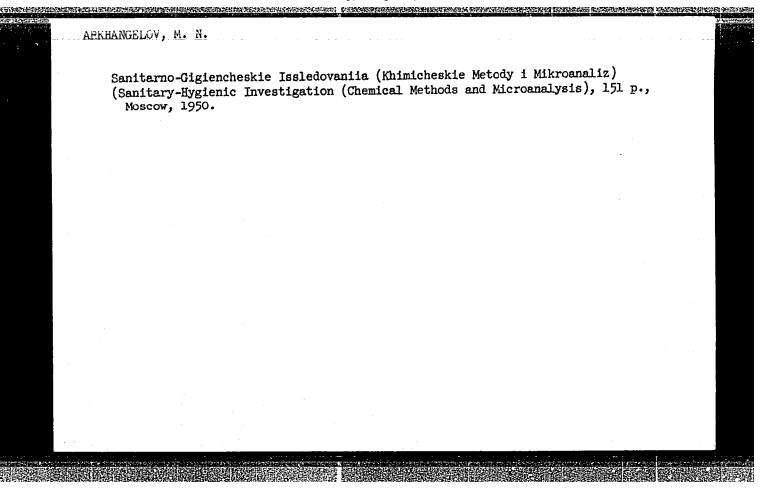
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SHADRIKOV, I., brigadir molochnotovarnoy fermy; BANKOVA, T. pomoshchnik brigadira, chlen rabochego komiteta; TWANDEYEVA, L., profgruporg; KAYMAKINA, Ye., doyarka; ANTIFOVI., Yu., doyarka; FROTECOVA, M., podsmennaya doyarka; ARKHANDEYEV, B., skotnik; RUBBLHANTOVA,R., telyatnitaa:

Disseminate the progressive practice among all state farm workers. Sov. profsciuzy 17 no. 5:12-14 Mr '61. (MIRA 14:2)

1. Sovkhoz "Kanash," Kuybyshevskoy oblasti.

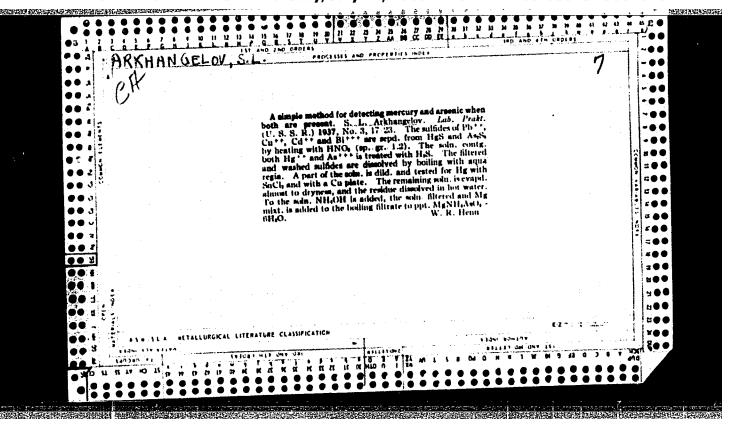
(Kuybyshev Province—Dairying) (Socialist competition)

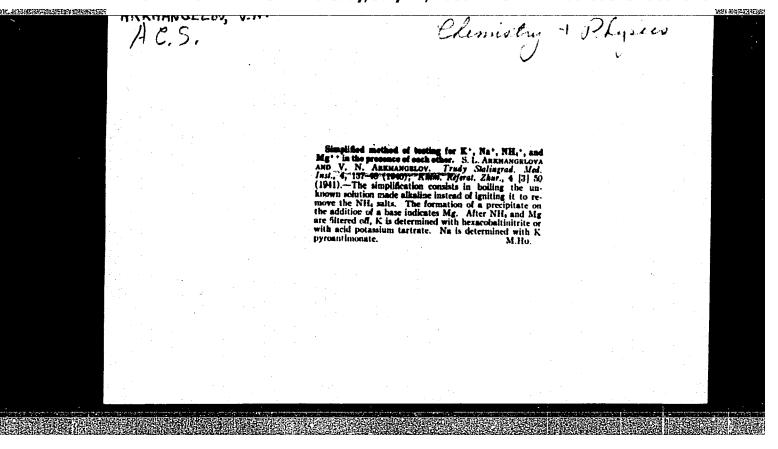


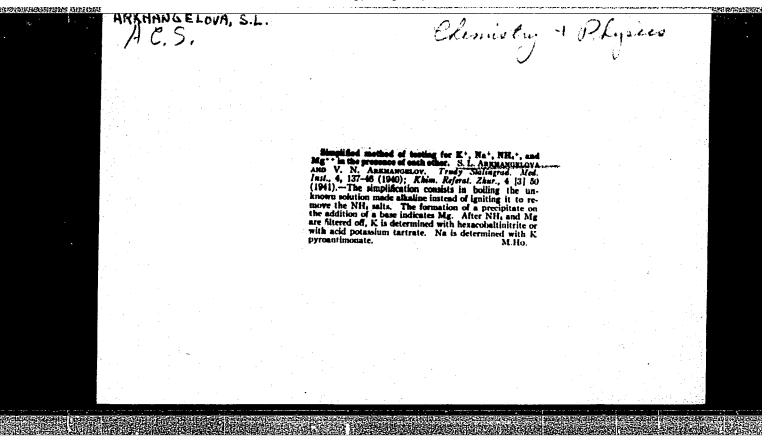
ARUHAUDELOV, N. N.

"A Sanitary-Hygienic Investigation." Cand Ned Sci, Central Inst for the advanced Training of Physicians, 19 Cct 54. (W., 24 Sep 54)

30: Sum 432, 29 l'ar 55







ANDREYEV, I.D., red.; ARKHANGEL'SK, L.M., red.; RUTKEVICH, M.N., red.; STEMPKOVSKAYA, V.I., red.; VIETCROVA, V., red.; CHEREMNYKH, I., mledshiy red.; NOGINA, N., tekhn.red.

[Practice as the criterium of scientific truth] Praktika - kriterii istiny v nauke. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 461 p. (MIRA 14:3)

(Science--Philosophy)

ARKHANCEL'SKAYA, A. A., LAZAREV, V. G. and ROGINSKIY, V. N.

"A Machine for the Synthesis of Contact Poles."

report presented at All-Union Conference on Problems in the Theory of Relay Devices, Inst. for Automation and Remote Control AN USSR, 3-9 Oct 1957.

Vestnik AN SSSR, 1958, No. 1, v. 28, pp. 131-132. (autor, Ostianu, V. M.)

ARKHANDEL'SKATA, A.A.; LAZAREV, V.G.; ROGINSKIY, V.N.

Machine for the synthesis of contact circuits. Frobl. pered. inform.
no.1:41-52 '59. (MIRA 13:3)

(Switching theory) (Electric relays)

ARKHANGEL SKAYA, A.A.

6(7)

PHASE I BOOK EXPLOTTATION

sov/3016

- . Akademiya nauk SSSR. Laboratoriya sistem peredachi informatsii
 - Problemy peredachi informatsii. vyp. 1: Postroyeniye skhem i setey svyazi. (Problems of Information Transmission. Nr. 1: Design of Communications Circuits and Networks) Moscow, Izd-vo AN SSSR, 1959. 163 p. Errata slip inserted. 2,000 copies printed.
 - Ed. of Publishing House: G. Ye. Pevzner; Tech. Ed.: A. P. Guseva; Editorial Board: A. A. Kharkevich (Resp. Ed.), V. N. Kuznetsov, I. A. Ovseyevich, V. N. Roginskiy (Resp. Ed. of this Issue), V. G. Solomonov (Deputy Resp. Ed.)
 - PURPOSE: This collection of articles is intended for specialists in communications theory.
 - COVERAGE: This collection of articles by scientists at the Laboratory of Systems for the Transmission of Information, Academy of Sciences, USSR, is a continuation of a series of collections published earlier under the title "Sbornik nauchnykh rabot po provodnoy svyazi" ("Collection of Scientific Works on Wire Card 1/8

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Communications") References are given after each article. A bibliography on automatic telephone systems (ATS) with crossbar switches is given in the appendix. This bibliography is considered to be of special interest in connection with the introduction in the USSR of the crossbar system.

TABLE OF CONTENTS:

Foreword

3

Roginskiy, V. N. Graphical Method of Designing Multipolar Contact Circuits

5

This paper was presented at a session of the Scientific and Technical Society of Radio Engineering and Electro-communications imeni A. S. Popov on May 10, 1956. The author discusses a new method of synthesizing relay circuits providing series-parallel and bridge-contact circuits, and a method for selecting circuits with a minimum number of contacts and with automatic accounting for neutral and

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unutilized states. According to the author, this method in certain cases results in a more efficient use of circuits than is possible by analytic methods. It also makes possible mechanization of the synthesis of-relay systems. There are 9 references, all Soviet.

Arkhangel'skaya, A. A., V. G. Lazarev, and V. N. Roginskiy.

Apparatus for the Synthesis of Contact Circuits

This paper was presented at the Laboratory Seminar on
October 5, 1956. The authors present basic principles of
designing an apparatus for the synthesis of contact (1,k)terminal networks. This apparatus was developed at the
Laboratory on the basis of the graphical method. There are
9 references: 8 Soviet and 1 English.

Lazarev, V. G. Methods of Determining the Number of Relays Necessary for Designing a Relay-Contact Circuit According to Given Operating Conditions

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system substations with the routing of intercommunications through a regional crossbar system. An evaluation of variations of grouping schemes according to the overall number of connection points is made and the optimum substation grouping scheme is selected and equipped with switching relayaction devices. There are 13 references: 9 Soviet and 4 English

Melik-Gaykazova, E. I., L. I. Smirnova and A. D. Kharkevich.

Experimental Investigation of the Carrying Capacity of the Grouping

LayFout of a Telephone System Substation

The paper was presented at the Laboratory Seminar on

October 26, 1956. The selection of the grouping scheme

was specified by the authors on the basis of data obtained

from calculations using the method of artificial loading.

The substation had a capacity of 100 numbers, with two

connection stages for outgoing, and three connection

stages for incoming traffic. On the basis of this investi
gation, the authors determine the most convenient distri
bution of outgoing trunks among the intermediate switches,

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the necessary number of internal trunks between the incoming and intermediate switches, and the holding sequence of the internal trunks. There are 7 references, 3 Soviet

Analysis of Grouping Lay-out of a Telephone System Substation Using the Method of Probability Graphs This paper was presented at the Laboratory Seminar on November 23, 1956. A method using probability graphs for 118 calculating the carrying capacity of complex switching networks is presented. A telephone substation with two connection stages for outgoing and with three connection stages for incoming traffic is investigated using probability graphs. On the basis of this investigation the author determines the most convenient graph topology, using crossber trunks in developing substation switching. In an appendix a new treatment of the probability graph is presented. There is 1 English reference.

Card 6/8

Povarov, G. N. Structural Theory of Communications Networks This paper was presented at a joint session of the Laboratory Seminar and of the Telephony at MEIS on January 6, 1956. The fundamentals of mathematical analysis of communications networks using matrix algebra are presented. Problems in the structural theory of communications networks are discussed: calculation of the number of tandem trunks between any two stations in the network, determination of the length of the longest and shortest tandem trunk, of the coherence and compactness of the network and of some other parameters. The relationship between the structural theory of communications networks, graphical theory and theory of relay-contact circuits is discussed. There are 17 references: 11 Soviet (including translation), 4 English and 2

Kharkevich, A. D. Bibliography on the Swedish Crossbar

141

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"APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00010202 -----PATERNESS CONTRACTOR DE LA CONTRACTOR DE L

Problems of Information (Cont.)

This bibliography with annotations contains a list of 69 articles, company data and books; 29 information notes

Work of Laboratory Seminars on the Development of Scientific Problems of Wire Communication, of the Academy of Sciences,

AVAILABLE: Library of Congress

160

Card 8/8

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30111 S/194/61/000/007/021/079 D201/D305

AUTHORS:

Arkhangel'skaya, A.A., Lazarev, V.G., Roginskiy, V.N. and Sergeyeva, O.F.

TITLE:

" T. .

A computer for synthesizing relay-switching systems

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 7, 1961, 51-52, abstract 7 V383 (V sb. Probl. peredachi inform., no. 6, M., AN SSSR, 1960, 5-23)

TEXT: Principles are described of the design of a computer for synthesizing relay systems as designed at the Laboratory of Information Transmission Systems of the AS USSR. The conditions which the synthesizing computer should satisfy are set at a switch panel in the form of inputs and outputs. The circuit diagram of the panel is set to test whether the given conditions can be realized and when it shows that these conditions cannot be realized, it determines the minimum number of relays which have to be used for these conditions to be realized. After this, various variants of the circuits are

Card 1/2

A computer for synthesizing...

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designed and the computer chooses the one which has the minimum number of switches or in which the given distribution of relay switches has been obtained. The device design is based on the graphical method of synthesizing switching multiple-pole networks. The final circuit is shown on a lamp register. 10 references.

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ARKHANGELSKAYA, A.A

PHASE I BOOK EXPLOITATION

SOV/5741

Akademiya nauk SSSR. Laboratoriya sistem peredachi informatsii.

Problemy peredachi informatsii. vyp. 8: Postroyeniye skhem releynogo deystviya (Problems of Information Transfer. v. 8: Designing of Relay Circuits) Moscow, Izd-vo AN SSSR, 1961. 131 p. Errata printed on the inside of back cover. 2,600 copies printed.

Resp. Ed.: V. N. Roginskiy; Deputy Resp. Ed.: V. G. Solomonov; Tech. Ed.: L. V. Yepifanova.

PURPOSE: This collection of articles is intended for scientific and technical personnel concerned with the transfer of information.

COVERAGE: The book contains eight reports on the designing of relay systems. The reports were submitted by scientific workers of the Laboratoriya sistem peredachi informatsii Akademii nauk SSSR (Laboratory of Information Transfer Systems, AS USSR) to the seminar of the laboratory.

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Problems of Information Transfer (Cont.)	/5741
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Foreword	
	3
Lazarev, V. G., O. A. Oganov, and V. N. Roginskiy. Fundamentals in Designing a Contactless Computer for the Synthesis of Relay Switching Circuits	
The basic principles in designing individual contactless units of a special-purpose high-speed computer used for the synthesis of relay synthesis of relay synthesis.	5
Arkhangel'skaya, A. A., V. G. Lazarev, and Ch'en Chun-liang. Concerning the Complexity of Realizing Boolean Functions by	
In the graphic designing of (1,k)-terminal switching circuits the number of contacts in table 1	20
de set-ups of k Boolean functions of	
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Problems of Information Transfer (Cont.)

SOV/5741

of n variables is discussed; the upper and lower bounds of the number of contacts for the relays of a pseudo-universal (1,k)-terminal network which does not realize all the set-ups of k Boolean functions of n variables are obtained. Methods for determining the "capacity" of a computer for the synthesis of switching circuits are proposed on the basis of upper and lower bounds of the number of contacts in the relays of an (1,k)-terminal network. Submitted 5/17/1960.

Ch'en Chun-liang. Concerning the Evaluation of Switching-Circuit Complexity

Propositions presented in the preceding article are developed. The problem of evaluating the complexity of switching (1,k)-terminal networks when the graphic method is used in designing circuits, is examined. Formulas for calculating fractions of the set-ups (i.e., the ratio of the number of occurrences of specific functions to the total number of the occurrences of functions) of k Boolean functions of Card 3/7

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Problems of Information Transfer (Cont.)

SOV/5741

n variables are derived for the case when they are realized by a given number of branches and contacts in a single cross section, as well as by a definite number of contacts in the circuit as a whole. In the second instance the fact that the occurrence of Boolean functions on the cross section is not of equal probability is taken into account. Submitted 4/16/1960.

Roginskiy, V. N. Graphic Designing of Switching Circuits With Bypass Paths

General methods are presented for the transformation of set-up numbers for a graphic synthesis of multi-terminal switching networks, taking into account bypass paths which are formed in connection with the construction of direct deductions. A method is given for clarifying different variants arising from the nonsinglevaluedness of the set-ups during the construction of direct deductions. Submitted 2/17/1960.

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Problems of Information Transfer (Cont.) SOV/5741 Ch'en Chan-liang. Concerning the Distribution of Probabilities of Occurrence of Boolean Functions The article discusses the problem of variation in 74 probability distribution of the occurrence of Boolean functions passing from one cross section to another in the presence of direct deductions when the switching circuits are designed by the graphic or symbolic method. Formulas are derived for calculating the probability of occurrence of Boolean functions in various cross sections, provided the probability distribution of their appearance on zero cross section is known. Submitted 3/12/1960. Sagalovich, Yu. L. The Measure of Ordering of a Boolean Function On the basis of the results of writing switching 88 circuits in the form of Boolean functions, the value k is introduced as a minimum number of set-ups of variable values sufficient for identifying a Boolean function. Card 5/7

Problems of Information Transfer (Cont.)

SOV/5741

Methods of calculating this value which utilize the properties of various classes of Boolean functions, as well as methods of evaluating it, are given. The method of designing the inertia group of a Boolean function is completed, and a scheme is designed which permits a) carrying out group transformations of Boolean functions; b) constructing equivalent (in the sense of noiseproofness) uniform codes. Submitted 6/26/1959.

Lazarev, V. G., and O. A. Oganov. Graphs-Analytical Method of the Synthesis of Contactless Relay Circuits

The method of plotting a block-diagram with parametric relationships of a legical (1,k)-terminal network which realizes Beolean functions using legical gates AND, OR, and NOT, is studied. Submitted 2/17/1960.

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Maystrova, T. L., and V. N. Roginskiy. Relay Circuits With Parametric Relationships and Many-Valued Logic
Operating conditions of a relay in a circuit with parametric relationships are examined. It is

151

Card 6/7

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S/194/62/000/003/024/066 D230/D301

AUTHORS:

Arkhangel'skaya, A. A., Lazarev, V. G. and Ch'en,

onun-11an

TITLE:

On the contact complexity of Boolean functions

PERIODICAL Referativnyy zhurnal, Avtomatika i radioelektronika, no. 3, 1962, abstract 3-2-143ya (Probl. peredachi informatsii. Vyp. 8. M., AN SSSR, 1961, 20-44)

TEXT: In the design of relay circuits by a graphical method or by a cascade method, it is important to decide on the required number of contacts on separate relays (circuit sections) or, alternatively, what part of the total number of possible circuits can be realized by a given number of contacts on each relay. A possible number of sets with k outputs of n relays requiring contacts on j-th section is equal to:

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On the contact ...

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$$\vec{Q}_3^j = (2^{2^{n-j}} - 1) - (2^{2^{n-(j+1)}} - 1)$$

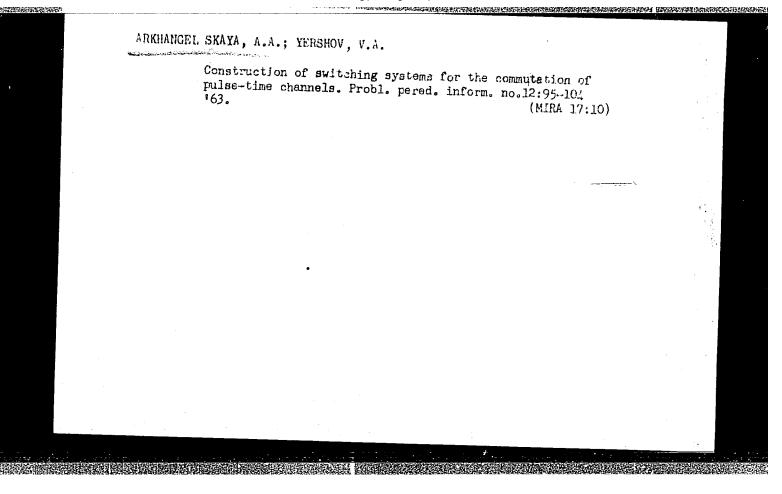
Upper estimate of contact number on j-th section is:

$$L_3^{j} \leq 2_{\min} \left\{ k2^{j}; \left[2^{2^{n-(j+1)}} (2^{2^{n-(j+1)}} - 2) + 1 \right] \right\}$$

A reduction of the required number of contacts is made by direct deductions. (1, k) - pole, called pseudo-universal, can realize

 $\lambda 2^{k2}$ possible sets of k Boolean functions, where $\lambda(0 < \lambda < 1)$ - realizable set fraction for a given contact number being less than that required for the realization of all functions. Calculation of "traffic capacity" of the pseudo-universal (1,k) - pole with equal Card 2/3

X



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AUTHOR: Arkhangel'skaya, A. A.; Vishov, V. A.; Roginskiv, V. N. (Doctor of tech-

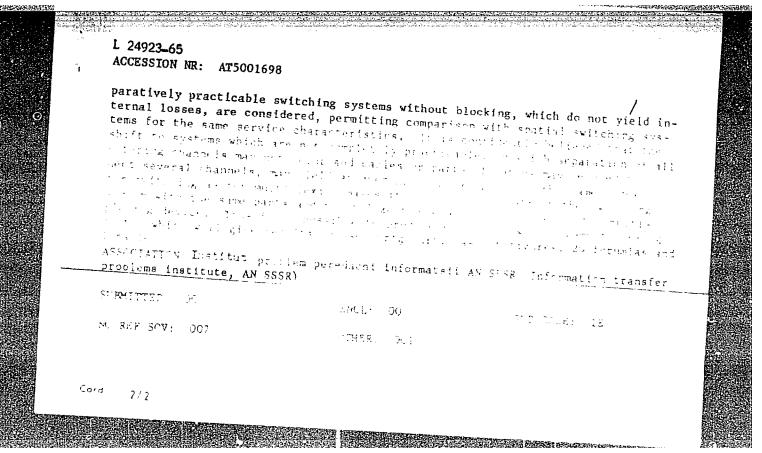
TITLE: Multi-coordinate switching systems of

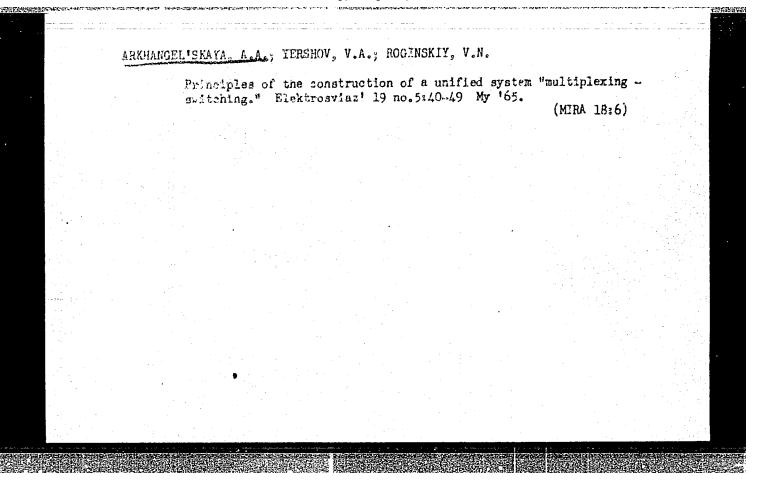
SOURCE: AN SSSR. Institut problem peredachi informatsii. Problemy peredachi informatsii, no. 17, 1964. Printsipy postroyeniya satey! sistem upravleniya (Principles of network construction and control systems), 16-26

TOPIC TAGS: switching system, multicoordinate switching system, spatial switching, multiplexing, information transmission, space coordinate control system

ABSTRACT: The efficiency of multi-coordinate emitting systems as compared with purely statial systems, especially the zuje of statial emitting equipment, is demonstrated. The two of multi-coordinates, is a superior of multi-coordinates and the coordinates of multi-coordinates of multi

Card 1/2



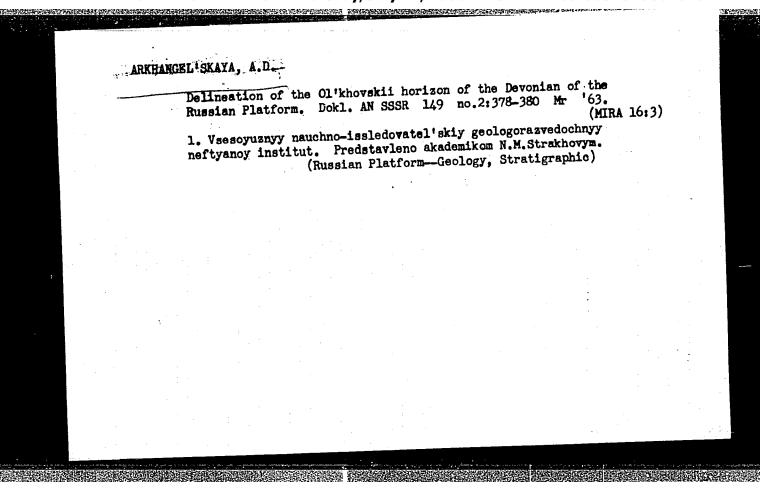


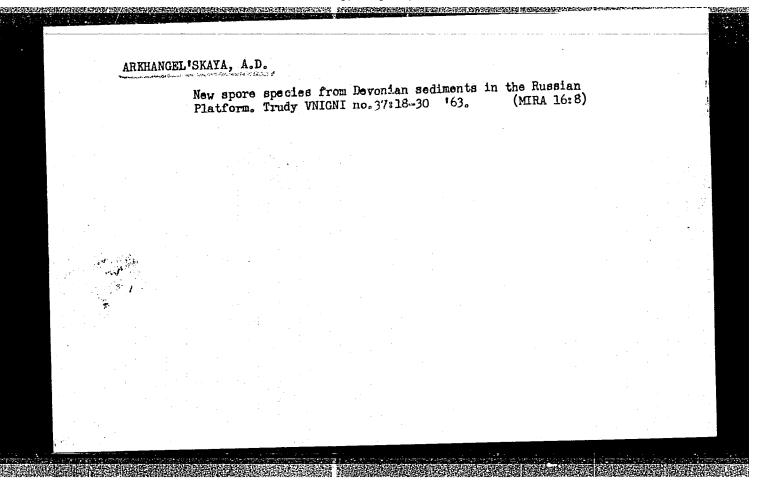
THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

ARKHANGEL'SKAYA, A.D.

A new spore complex and the boundary between the middle and upper Devonian in the Volga-Ural region. Dokl. AN SSSR 142 no.4:891-892 F 162. (MIRA 15:2)

l. Vsesoyuznyy nauchno-issledovatel skiy geologorazvedochnyy neftyanoy institut. Predstavleno akademikom D.V.Nalivkinym. (Volga-Ural Region-Geology, Stratigraphic)





FILIMONOVA, A.B.; ARKHANGEL'SKAYA, A.D.

Spore complex in the Vorob'yevka horizon of the Middle Devonian in the Russian Platform. Trudy VNICNI no.37:31-36'63. (MIRA 16:8)

ARKHANGEL'SKAYA, A.D.

New species of spores from sediments of the Voronezh horizon in the western Tatar A.S.S.R. Trudy VNIGNI no.27:266-271 '60. (MIRA 17:3)

ORZHIVO, V.S.; NEMETS, S.M.; ARKHANGEL'SKAYA, A.P.; BERKH, M.S.

Use of various vegetable oils in the preparation of canned vegetables.

Kons., i.ev., prem., 12 no.4:17-20 Ap '57. (MIRA 10:6)

1. Vesesyunnyy nauchno-issledovatel'skiy institut konservney i oveshchesushil'sey premyshlennesti.

(Vegetables--Preservation) (Oils and fats, Edible)

GRZHIVO, V.S., ARKHANGEL SKAYA, A.P.

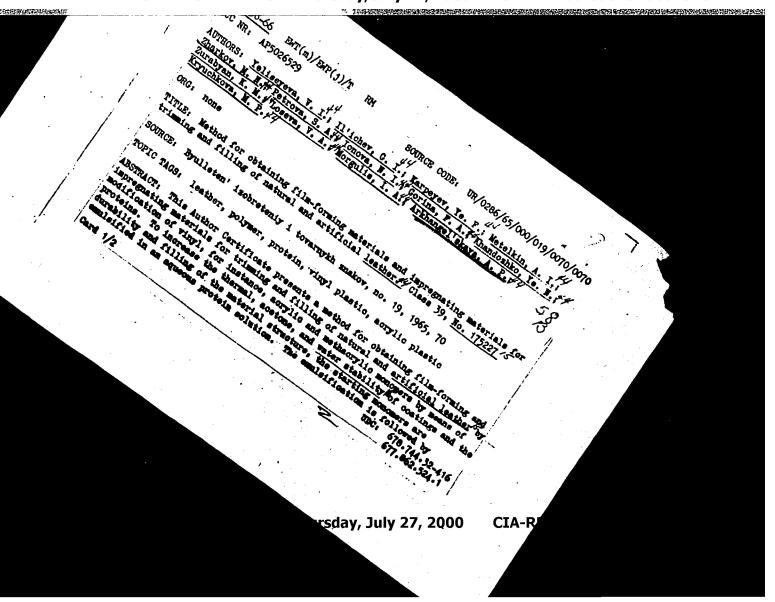
Territari sandalini selemberatur sandingsanding bedasari kanalisan kanalisang mangkang mangkang kanalisang kan

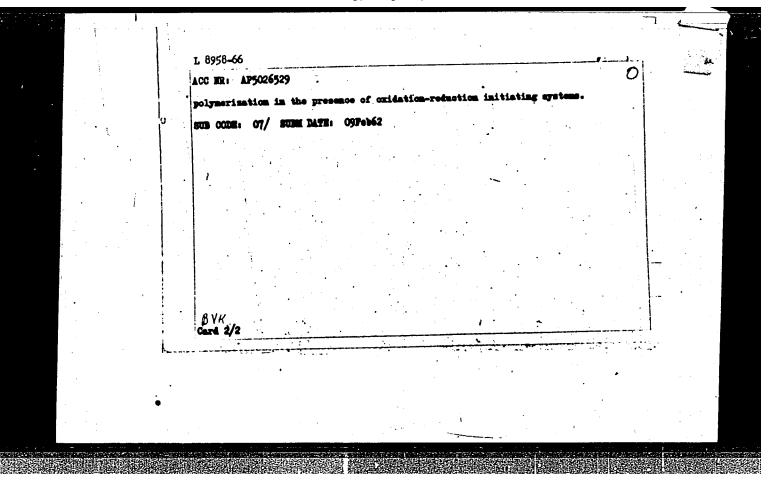
Rapid determination of the moisture content of dried fruits.

Kons. i ov. prom. 13 no.9:40-42 S 58. (MIRA 11:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut konservnoy i ovoshchssushil'noy promyshlennosti.

(Fruit, Dried--Analysis)





"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00010202

ARKHANGEL'SKAYA, A-S-

JJSSR/Chemical Technology - Chemical Products and Their Application. Pesticides.

I-4

Abs Jour

Ref Zhur - Khimiya, No 1, 1958, 2341

Author

Bogdarina, A.A., Gromovaya, Ye.F., Arkhangel'skaya, A.S.

Inst

All-Union Institute of Plant Protection.

Title

: Residual Amounts of DDT on Fruit Crop Depending on the

Form of Application of the Insecticide.

Orig Pub

: Tr. Vses. in-ta zashchity rast., 1956, No 7, 160-164

Abstract

: By the method of ultraviolet absorption spectroscopy a determination was made of the amount of DDT that remains on apples after they have been sprayed, 4 times, with emulsion (E) and suspension (S), each containing a 0.2% concentration of DDT (prepared with a 30% preparation). After 53 days following the last application a larger amount of DDT was found on the surface, in the skin

Card 1/2

USSR/Chemical Technology - Chemical Products and Their Application. Pesticides.

I-4

Abs Jour

: Ref Zhur ~ Khimiya, No 1, 1958, 2341

and within the pulp of fruit treated with E spray (4.85 mg/kg), than of those treated with S (0.9 mg/kg); almost the entire amount of E was contained in the skin and the thin, adjoining layer of pulp. It is recommended to carry out the last two treatments not with an E but with S, and not later than 1.5 months prior to harvesting of the crop.

Card 2/2

ARKHANGEL'SKAYA, A. V. (Moskva)

Transition from the wave to quantum conceptions of light. Fiz. v shkole 22 no.4:44-46 Jl-Ag '62. (MIRA 15:10)

(Light)

USSR / Microbiology. Microbos Pathogenic to Man and F-5 Animals. Bactoria. Bactoria of the Intestinal Group.

.bs Jour: Ref Zhur-Biol., No 16, 1958, 72164.

Author : Arkhangol'skaya, B. Yo.

Inst : Institute of Veterinary Modicine of the Kazakh Affiliate of the All-Union Academy of Agricult-

ural Sciences imeni V. I. Lonin.

Title : Vaccine Against Paratyphoid in Calves Prepared

by the Tanker Method and a Study of Its Proper-

ties.

Orig Pub: Tr. In-ta vot. Kazakhsk. fil. V.SKFNIL, 1957,

8, 103-117.

Abstract: No abstract.

Card 1/1

	"New Data on the Biosynthesis												
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